

SYSTEM AND METHOD FOR EFFECTIVELY PERFORMING AN AUDIO/VIDEO SYNCHRONIZATION PROCEDURE

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ABSTRACT OF THE DISCLOSURE

A system and method for effectively performing an audio/video synchronization procedure in a receiver device may preferably include a demultiplexer configured to recover elementary bitstreams from a multiplexed
10 bitstream. The demultiplexer may also preferably extract decode timestamps and output timestamps corresponding to the elementary bitstreams. One or more decoders may then decode the elementary bitstreams to produce decoded frames in accordance with the foregoing decode timestamps. One or more output modules may then process the decoded frames to produce
15 processed frames in accordance with the output timestamps. In accordance with the present invention, an output controller may preferably perform an output timing resynchronization procedure following a program change event to align output timings of the processed frames in accordance with new output timestamps from the selected program.

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